

## **SEEC's Recovery Act investments in an American clean energy future**

SEEC was integral in shaping the historic domestic clean energy investments and incentives in the American Recovery & Reinvestment Act, H.R. 1, passed in February 2009.

According to the Vice President's December 2009 "Progress Report: The Transformation to a Clean Energy Economy," this **legislation will assist the United States in the creation of more than 800,000 clean energy jobs, and will double American renewable energy manufacturing and generation capacities by the year 2012.** This legislation provided \$90 billion in investments and incentives for renewable energy and energy efficiency as a down payment on a prosperous, sustainable, and secure energy future.

SEEC successfully fought for inclusion in the American Recovery & Reinvestment Act of:

- Investments and incentives to **create clean energy jobs and advance American leadership in the manufacturing and production of clean energy technologies.**
  - \$6 billion for renewable energy and transmission construction loan guarantees designed to unleash more than \$50 billion in private financing for projects to advance American leadership in clean energy production. SEEC also successfully included language to allow concentrated solar and advanced biofuels technologies to qualify for these loans.
  - Creation of a new (1603 Treasury Grant) program to provide \$2 billion in grants in lieu of production and investment tax credits for renewable energy projects, which in 2009 helped to create more than 50,000 jobs in the domestic wind energy industry alone.
  - \$2.3 billion for qualified investment tax credits for advanced energy manufacturing facilities (as a 30 percent tax credit for expenses incurred by low-carbon technology manufacturing facilities).
  - \$1.6 billion in clean renewable energy bonds to finance facilities that generate electricity from clean energy.
  - \$500 million for research, labor exchange, and job training projects to prepare American workers for careers in the energy efficiency and renewable energy industries.
- Investments in **domestic production of electric & alternative fuel vehicles, and clean transportation alternatives to reduce oil dependence and carbon pollution.**
  - \$2 billion in grants to assist U.S. companies in the manufacturing of advanced battery systems and components for electric and hybrid electric vehicles. Prior to this legislation the U.S. had the capacity to manufacture just two percent of the world's advanced batteries, but as a result of SEEC's work on this bill, the U.S. is now on pace to have 40 percent of global advanced battery manufacturing capacity in the next 5 years.
  - \$400 million for the Plug-in Electric Vehicle Program which provides grants to states, local governments, and others to carry out projects to encourage the use of plug-in electric drive vehicles that decrease our oil dependence.
  - \$8 billion to advance the development of high speed rail and to improve intercity passenger rail service in corridors across the nation.
  - \$300 million for a General Services Administration program to purchase alternative fuel vehicles and plug in hybrids for federal fleets, to reduce oil consumption and drive the market for clean transportation alternatives for Americans.

- Investments to **increase energy efficiency - creating jobs, lowering home energy costs, saving taxpayer money, and reducing carbon pollution.**
  - \$5 billion for the weatherization of low-income family homes to reduce Americans' energy costs.
  - \$2.25 billion in energy retrofit investment grants and loans for federally-assisted housing.
  - \$2.4 billion in qualified energy conservation bonds to finance state and municipal government programs and initiatives designed to create jobs and reduce energy waste, energy bills, and carbon pollution.
  - \$1 billion for the Public Housing Capital Fund to support energy efficiency improvements and energy conservation retrofit investments.
  - \$3.1 billion for the Department of Energy's State Energy Program (SEP), which provides grants and funding to state energy offices for energy efficiency and renewable energy programs.
  - \$2.25 billion for the HOME Investment Partnerships Program, helping local communities build and rehabilitate low-income housing using green technologies.
- Investments in **American innovators and domestic research & development of the energy technologies of the twenty-first century.**
  - \$4.5 billion for research, development, pilot projects and federal matching funds for the Smart Grid Investment Program to modernize the electricity grid.
  - \$2.5 billion for Dept. of Energy energy efficiency and renewable energy research, development, demonstration, and deployment projects.
  - \$400 million for the Dept. of Energy Advanced Research Project Agency – Energy (ARPA-E) to accelerate domestic clean energy innovation.